AIX OS 5.1.0

Migration Guide

February 12, 2004

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Introduction

Welcome to the AIX 5.1.0 Migration Guide. This guide will provide the steps necessary to upgrade from AIX 4.3.3 to AIX 5.1.0 on all district financial servers.

If you have installed a new RS6000 server model 615 since January 1, 2004, you do not need to migrate to AIX 5.1.0.

Why Migrate to AIX 5.1.0?

At the end of 2003, IBM moved AIX 4.3.3 into a pay–only support phase. IBM is currently supporting AIX 5.1.0, however, at no charge. Migrating all district servers to AIX 5.1.0 will allow KDE to upgrade the financial server Informix database engine and 4Js runner. These upgrades will allow for better memory management, CPU utilization and a more robust application delivery. Additionally, 5.1.0 is the latest AIX version that all district servers can run.

Migration Overview

All districts and the Kentucky Department of Education (KDE) will be working together to complete the AIX migration in a three–step process. An overview of the process is below.

> *note*
>
> If you have installed a new RS6000 server model 615 since January 1, 2004, you do not need to migrate to AIX 5.1.0.

Phase 1: Migrating to AIX 5.1.0

- District plans for downtime.

- District plans for needed resources.

- District shares MUNIS and workstation downtime schedule with all affected parties.

- District shares exact migration date with KDE at least two weeks before district's scheduled week (please send an e-mail to **schedule@kde.state.ky.us**).

- District backs up financial servers.

- District gathers required information.

- District migrates to AIX 5.1.0.

- District notifies the KETS Help Desk when migration is complete. Please send an e-mail to ketshelp@kde.state.ky.us.

Phase 2: Migrating to Informix 7.25 UC6 and 4Js Runner 3.50.1a

- KDE installs Informix 7.25 UC6 database engine.

- KDE installs 4Js Runner 3.50.1a for district.

- KDE contacts the district after the installation is complete.

Phase 3: Migrating to 4Js 3.5.1a
Districts may complete this step at any time during the migration.

- District upgrades all district financial workstations to 4Js client 3.50.1a.

- MUNIS is providing all instructions and customer support for this process. Please see the *Auto Install of Client PC* document located at: http://www.education.ky.gov/KDE/Administrative+Resources/Technology/Financial+Management+System/User+Guides/MUNIS+Installation+Instructions.htm

If You Need Help

You may find additional information and ongoing updates on the AIX migration project on the KDE Web Site:

http://www.education.ky.gov/KDE/Administrative+Resources/Technology/Financial+Management+System/User+Guides/MUNIS+Installation+Instructions.htm

You will find:

- This document
- *Auto Install of Client PC* document that you can use to migrate your district financial workstations to 4Js 3.5.1a
- A regularly–updated OS Migration Schedule

If you have explored this guide and you still have questions about upgrading, please contact the KETS Help Desk for assistance at 1–866–538–7435.

If you have any questions about upgrading the 4Js client to 3.50.1a, please contact the MUNIS Help Desk at 1–800–722–4908.

Phase 1: Migrating to AIX 5.1.0

I. Planning & Communicating

Please refer to the Migration Planning Checklist in Appendix B.

IA. Setting a Schedule Date

Districts will need to plan for a full day's down time of the MUNIS system. Please follow the instructions below to set your schedule date.

1. Look at Appendix A and find your migration week.

2. Please choose one of the options below:

   a. If your district can arrange for the appropriate downtime during the scheduled week, send an e-mail to schedule@kde.state.ky.us including:

      01. The day you plan to do the migration.

      02. The names and phone numbers of the people who will be doing the work.

   b. If your district cannot arrange for the appropriate down time during the scheduled week, please send an e-mail to schedule@kde.state.ky.us including:

      01. A brief explanation of why your district cannot migrate during your scheduled week and an alternative date.

      02. The names and phone numbers of the people who will be doing the work.

      KDE will send a response and modify the schedule as necessary.

> *note*
> It is critical that districts plan for system down time, so as not to impact financial processing.
>
> Please remember to notify your district's financial staff about the expected down time.

IB. Securing Technical Resources

Districts will be responsible for providing technical resources during their scheduled week to complete the migration.

IC. Verifying Hardware and Software Requirements

All district servers meet the minimum requirements for this migration.

Districts should have already purchased five, AIX OS level 5.1.0 CDs LCD4–1061–06. If your district does not have these CDs, please call the KETS Help Desk at 1–866–538–7435.

Migrating to AIX 5.1.0 may require districts to adjust any installed expanded support vendor software. It is the responsibility of the expanded support vendor to make sure that their software will run correctly with the new operating system.

II. Gathering Required Information

IIA. Obtaining a List of MUNIS Printers

Please complete the instructions below from a MUNIS workstation.

1.   Login to MUNIS.

2.   Type **1** and press enter to enter the live database.

3.   From the menus, select **Admin**.

4.   Choose **Printer/Device Control**.

5.   Choose **Printer Definition F/M**.

6.   Type **B** to browse the listing. This will display a list of all printers in MUNIS. Enter the information into the table below, where default printers are already listed for you. Depending on the number of printers in your district, you may need to attach a separate sheet of paper.

01 draft	lp -d draft_q	
02 reports	lp -d print_q	
03 condense	lp -d conden_q	
04 checks	lp -d check_q	
05 finance	lp -d fin_q	Genicom 4840
06 DAS	lp -d das_q	Genicom 4840

You will complete the rest of the instructions from the RS6000.

IIB. Obtaining TCP/IP information

1.   Log into the RS6000 as root.

2.   From the $, type **smit tcpip** then press the enter key. This will take you to the *TCP/IP* information screen.

3.   Use the arrow keys to select **Minimum Configuration & Startup** then press the enter key. You will see a popup titled, *Available Network Interfaces*.

4.   Use the arrow keys to select your network interface and press the enter key. For most districts, this will be **en1**. If you choose an interface without any tcp/ip information, press F3 and go back to 3.

5.   Enter the information from your screen into the table below:

	[Entry Fields
*HOSTNAME	
*Internet ADDRESS (dotted decimal)	_____._____._____._____
Network MASK (dotted decimal)	_____._____._____._____
*Network INTERFACE	
NAMESERVER	
Internet ADDRESS (dotted decimal)	_____._____._____._____
DOMAIN Name	_____.k12.ky.us
Default GATEWAY Address (dotted decimal)	_____._____._____._____
Your CABLE Type	N/A
START Now	no

6.   Press **F3** two times to return to the $ prompt.

IIC. Obtaining a User Listing

1.   From the $ prompt, type **lsuser –a ALL** and press the enter key. You will see a list of all of the users of your RS6000.

2.   Enter the names of all users in the table below.

User Name	User name	User Name	User Name

IID. Obtaining a List of All Printers

Please go to the RS6000 and follow the steps below.

1.   From the $ prompt, type **smit print** and press the enter key.

2.   Use the arrow keys to choose **List All Print Queues** and press the enter key.

3.   Enter the names of all printers in the table below. Depending on the number of printers in your district, you may need to attach a separate sheet of paper.

4.   Press **F3** two times to return to the $ prompt.

# Print Queue	Printer	Description

III. Creating a Pre–Migration Backup

1. Log into the RS6000 as root.

2. At the $ prompt, type **dbbackup** and press the enter key. You should see a screen titled, *Financial Management System Backup Utility*.

3. Insert a backup tape into the RS6000.

4. To create the backup, Type **1** and press the enter key. After the backup is complete, press any key to return to the console login.

5. Log into the RS6000 as root.

6. From the $ prompt, type **dbbackup** and press the enter key. You should see a screen titled, *Financial Management System Backup Utility*.

7. To view the daily backup created with option one, type **2** and press the enter key. To verify the backup, push the spacebar each time you are prompted for a standard input. Ensure that the date in the header, the date and time on the last screen, and the number of files backed up is correct.

8. After verifying the backup, press any key to return to the Financial Management System Backup Utility.

9. Type **5** and press the enter key to create a monthly disaster recovery backup of the system. After the backup has completed, press any key to return to the console login.

10. Log into the RS6000 as root.

11. From the $ prompt, type **dbbackup** and press the enter key. You should see a screen titled, *Financial Management System Backup Utility*.

12. To verify the backup, type **6** and press the enter key. Then push the spacebar each time you are prompted for standard input. Ensure that the date in the header, the date and time on the last screen, and the number of files backed up is correct.

13. Press **any key** to return to the Financial Management System Backup Utility menu.

14. To exit the utility, type **E** and press the enter key. You will be logged out of the RS6000.

15. Press **any key** to continue.

IV. Migrating to AIX 5.1.0

1. Log into the RS6000 as root.

2. At the $ prompt, type **chfs –a size=1802240 /usr** and press the enter key. You will see a filesystem size changed to 1802240. If you do not see this or receive an error, then you will need to repeat this step.

3. At the $ prompt, type **df –k** and press the enter key. This will display a table of information.

4. Look at the mounted on column and find the /usr line. Look at the 1024 Blocks value for the /usr line. If the value is less than **901120**, go back to step 2 and try again. If it is greater than or equal to **901120**, go on to step 5. Below is an example of what you may see.

File System	1024 Blocks	Free	% Used	I Used	% I Used	Mounted on
/dev/hd2	**901120**	41784	90%	170207	17%	/usr

5. At the $ prompt, type **mv /etc/motd /etc/motd.hold** and press the enter key. If you have entered this correctly, you will not see any confirmation that the file has been moved. If you receive an error, retype the line again and press the enter key.

6. Insert CD one of five, AIX 5.1.0 in the CDROM drive.

7. At the $ prompt, type **shutdown –h now** and press the enter key.

8. When the screen says "Halt Completed," press the **power button** on the RS6000 one time. Carefully watch the screen as it is rebooting. When you see the screen full of RS6000, watch for the word **KEYBOARD** to appear at the bottom of the screen. When this appears:

    a. IBM 3153 users press **5** to enter the service mode. A few minutes will pass before you are prompted to define the system console.

    b. Graphics display users press **F5** to enter the service mode. A few minutes will pass before you are prompted to define the system console.

9. To define the system console:

    a. IBM 3153 users, press **1**, then press the enter key.

    b. Graphics display users, press **F1**.

10. Press **1** for English. The next screen will be titled, *Welcome to Base Operating System Installation and Maintenance*.

11. Press 2, then the enter key to go to the *Change/Show Installation Settings and Install* screen.

12.   Look at the screen and make sure that your screen matches the one below:

```
1) System Settings:

          Method of Installation                        [Migration]

          Disk where you want to install                [hdisk0]


2)  Primary Language Environment Settings: (after
install)

          Cultural Convention                           [English
                                                        (US)]

          Language                                      [English
                                                        (US)]

          Keyboard                                      [English
                                                        (US)]

          Keyboard Type                                 [Default]


3)  Advanced Options


0)  Install with the current settings listed above


88) Help

99) Previous
```

13.   If your RS6000 settings do NOT match the above settings, type the number
        that corresponds to the setting you want to change. This will allow you to
        choose the correct settings and return to the Base Operating System
        Installation and Maintenance screen.

14.   When the settings on your RS6000 screen match the above settings, press **0**,
        then press the enter key.

15.   On the Migration Confirmation screen, press **0**, then press the enter key to begin the installation. The installation of the new software will take approximately 1 hour. During the install, the RS6000 may prompt you to enter a different volume or volumes. Below is a list of the volumes.

Volume 1 = CD 1 of 5

Volume 2 = CD 2 of 5

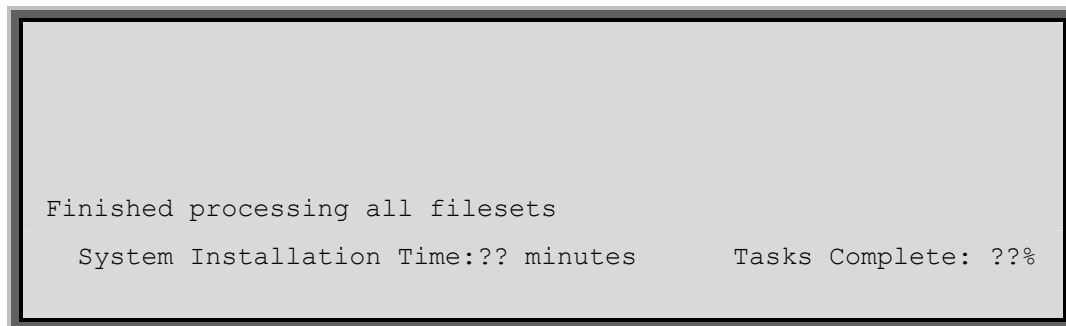Volume 3 = CD 3 of 5

Volume 4 = CD 4 of 5

Volume 5 = CD 5 of 5

> *important!*
>
> When you see the *Base Operating System* screen, go to number 16.

> *note*
>
> You might not use all of the CDs.

During the installation, at the bottom of the screen you will see:

```
 Finished processing all filesets

   System Installation Time:?? minutes        Tasks Complete: ??%
```

16.   The next screen will say Installing *Base Operating System* at the top and have an approximate % of tasks completed at the bottom. At this point, the installation is almost complete. When the bottom left hand of the screen says **REBOOTING**, remove the CDROM from the drive.

17.   When the reboot has completed, you will be prompted to SET Terminal Type.

   a.   IBM 3153 users, type **ibm3151** and press the enter key.

   b.   Graphics display users type **lft** and press the enter key.

18.   Choose **Accept License Agreements** by using the down arrow on your keyboard and press the enter key.

19.   On the Accept License Agreements screen, press the Tab key to change the entry field to **YES** and press the enter key.

20.   The next screen is titled, *Command Status*. In the upper left corner, look for **Command: OK**. When you see this, press F3 three times.

21.   Using the down arrow on your keyboard, choose **Tasks Completed – Exit** to Login.

22.   Login as **root**.

23.   At the $ prompt, type **mv /usr/das/bin/mini /usr/das/bin/mini.hold** then press the enter key. There will be no confirmation that the file has been moved. If

you receive an error message, retype the command and press the enter key again.

24.   At the $ prompt, type **mv /etc/motd.hold /etc/motd** then press the enter key. There will be no confirmation that the file has been moved. If you receive an error message, retype the command and press the enter key.

25.   Place the AIX 5.1.0 CD, 1 of 5 into the CDROM drive.

26.   At the $ prompt, type **smit install** and press the enter key.

27.   On the *Software Installation and Maintenance* screen, use the arrow keys to select **Install and Update Software** and press the enter key.

28.   On the *Install and Update Software* screen, use the arrow keys to select **Update Installed Software to Latest Level (Update All)** and press the enter key.

29.   From the *Update Installed Software to the Latest Level (Update All)* screen, type **/dev/cd0** as the INPUT device/directory for software and press the enter key. You need to verify that your screen appears as below:

```
                                                [Entry Fields]
*INPUT device / directory for software              /dev/cd0     +

*SOFTWARE to update                                _update_all   +

PREVIEW only? (update operation will not occur)        no        +

COMMIT software updates?                              yes         +

SAVE replaced files?                                  no         +

AUTOMATICALLY install requisite software?            yes         +

EXTEND file systems if space needed?                 yes         +

VERIFY install and check file sizes                   no         +

DETAILED output?                                      no         +

Process multiple volumes?                            yes         +
```

30.   If your screen does not appear as above, press **F3** to go back and return to step 29. If your screen is the same as above, continue to step 31.

31.   Press the **enter key** to continue.

32.   You will see a pop–up window asking if you are sure you want to continue. Press the **enter key**. At this point, if there are any missing filesets, the RS6000 will prompt you to install them by asking for a volume. You may or may not be prompted to insert additional CDs. The format is the same as previously:

Volume 1 = CD 1 of 5

Volume 2 = CD 2 of 5

Volume 3 = CD 3 of 5

Volume 4 = CD 4 of 5

Volume 5 = CD 5 of 5

> *note*
>
> The RS6000 may not prompt you to insert any of the volumes.

33.   This process has completed when the COMMAND status in the upper left hand corner says OK or Failed. Press **F3** four times or until you are returned to the $ prompt (Note: Please do not worry if the command status says, "failed.").

34.   At the $ prompt, type **smit install** and press the enter key.

35.   Using the arrow keys, select **Install and Update Software** and press the enter key.

36.   Using the arrow keys, select **Install and Update from ALL Available Software** then press the enter key.

37.   On the *Install and Update from ALL Available Software* screen, type **/dev/cd0** below [Entry Fields] and press the enter key. Your screen should appear as below:

```
                                                  [Entry Fields]
*INPUT device / directory for software              /dev/cd0      +

*SOFTWARE to install                                  []          +

PREVIEW only? (update operation will not occur)       no          +

COMMIT software updates?                             yes          +

SAVE replaced files?                                  no          +

AUTOMATICALLY install requisite software?            yes          +

EXTEND file systems if space needed?                 yes          +

OVERWRITE same or newer versions?                     no          +

VERIFY install and check file sizes                   no          +

DETAILED output?                                      no          +

Process multiple volumes?                            yes          +

ACCEPT new license agreements?                        no          +

Preview new LICENSE agreements?                       no          +
```

38.   Using the arrow keys, highlight ***SOFTWARE to install** and press F4. This will open an *SOFTWARE to install* window.

39.   Type **/** to open a find window.

40.   For the search pattern, type **bos.perf** and press the enter key.

41.   Verify that bos.perf is highlighted and press **F7**. If bos.perf is not highlighted, use the arrow keys to select it and press F7. If you selected bos.perf correctly, you will see a ">" before it. If you do not see this, press F3 until you are back to a $ prompt. Then, go back to number 34 and try again.

42.   Once >bos.perf has been selected, press the **enter key**. Your screen should have changed and the *SOFTWARE to install row should appear as below:

```
*SOFTWARE to install                              [bos.perf]     +
```

43.   If your screen matches the above, press the **enter key** to continue. If your screen does not appear as above, press F3 until you are returned to a $ prompt. Then go back to number 34 and try again.

44.   You will see a popup window saying, "ARE YOU SURE?" Press the **enter key** to continue. This will install the selected files. You may be prompted to insert CDs as before. Follow the directions carefully. In the upper left corner of your screen, watch for **Command: OK**. When you see this, press F3 until you are returned to a $ prompt.

45.   At the $ prompt, type **cp –pr /etc/inittab /etc/inittab.hold** and press the enter key. If the command completes successfully, you will be returned to the $ prompt. If you receive an error, retype the command and press enter before continuing.

46.   At the $ prompt, type **vi /etc/inittab** and press the enter key. This opens VI text editor.

47.   Using the arrow keys, scroll through the file. Use the arrow key to select the first letter of the line, then push the d key twice to delete any line beginning with:

- http,
- naudio,
- l1, l2, l3, l4, l5, l6, l7, l8, l9 or
- rcnfs *if you are NOT a ForMUNIS client*.

48.   Once you have deleted the necessary entries, hold down the **shift** and **:** keys at the same time, then type **wq!** and press the enter key. This will take you back to a $ prompt.

49.   Remove any installation CDs from the CDROM drive.

50.   At the $ prompt, type **shutdown –Fr** and press the enter key. The RS6000 will reboot.

51.   When the RS6000 has rebooted, login as **root**. The prompt may not have a $ when you login.

52.   At the $ prompt, type **mv /usr/das/VERSION.hold /usr/das/VERSION** and press the enter key.

53.   At the $ prompt, type **lslpp –L all > /usr/das/bin/file.tmp** and press the enter key.

54.   At the $ prompt, type **diff /usr/das/bin/file.tmp /usr/das/bin/kde.file > /usr/das/bin/file.diff** and press the enter key.

55.   At the $ prompt, type **lp –d draft_q /usr/das/bin/file.diff** and press the enter key. This command will print a list of filesets.

    a.   Retrieve the report from the printer.

    b.   Check to see if there are any < or > next to any filesets other than ones starting with devices.

    c.   If there are filesets listed with < or >, other than ones starting with devices, please call the KETS Help Desk at 1–866–538–7435.

    d.   If there are not any filesets listed with < or >, continue to number 56.

56.   At the $ prompt, type **man ls** and press the enter key.

    a.   If the manual page for the ls command is displayed, press ctrl and c keys at the same time and continue to 57.

    b.   If the manual page for the ls command is not displayed, please call the KETS Help Desk at 1–866–538–7435.

57.   At the $ prompt, type **usrck –y ALL** and press the enter key. This command will validate all user accounts.

58.   Repeat step 57. Note: All the users shown will be locked.

59.   At the $ prompt, type **grpck –y ALL** and press the enter key. This command will validate all group memberships.

60.   At the prompt, type **pwdck –y ALL** and press the enter key. This command will validate all user account passwords.

61.   Repeat step 60.

62.   At the $ prompt, type **rm /usr/das/cops/crc_old /usr/das/cops/crc_seed** and press the enter key. You will be returned to the $ prompt when the operation has completed. If you receive an error message, retype the command and press the enter key.

63.   At the $ prompt, type **ksh /usr/das/cops/cops** and press the enter key. You will be returned to the $ prompt when the operation has completed. If you receive an error message, retype the command and press the enter key.

64.   Repeat step 63.

65.   At the $ prompt, type **ksh /usr/das/cops/crc.chk** and press the enter key. You will be returned to the $ prompt when the operation has completed. If you receive an error message, retype the command and press the enter key.

66. Repeat step 65.

67. At the $ prompt, type **dbbackup** and press the enter key.

68. From the Financial Management System Backup Utility screen, type **5** and press the enter key to create a monthly disaster recovery backup of the system. When the backup is complete, press any key to return to the console login.

69. Log into the RS6000 as root.

70. From the $ prompt, type **dbbackup** and press the enter key. You should see a screen titled, *Financial Management System Backup Utility*.

71. Type **6** and press enter to verify that the backup completed successfully. To verify the backup, push the spacebar each time you are prompted for standard input. Ensure that the date in the header, the date and time on the last screen, and the number of files backed up is correct.

72. **Press any key** to return to the Backup Utility menu.

73. Type **E** and press enter to exit the Backup Utility.

74. Type **logout** and press enter to logout of the RS6000.

Phase 2: Migrating to Informix 7.25 UC6 and 4Js Runner 3.50.1a

Congratulations! You have completed Phase 1, District AIX Migration Server Tasks.

In order for KDE to complete Phase 2, please send an e-mail to ketshelp@kde.state.ky.us. The subject should read "4.3.3 to 5.1.0 Migration Finished."

After the KETS Help Desk receives your e-mail, the help desk will provide you a ticket number and assign it to the KDE, Office of Education Technology, Division of School Information Technology Infrastructure Team who will install the Informix 7.25 UC6 database engine upgrade and 4Js Runner 3.50.1a for your district. This will take approximately 30 minutes, and your district financial servers will be down during this time. The KETS Help Desk will contact your district after the installation is complete.

If you have not updated your district financial workstations to 4Js 3.50.1a, please proceed to Phase 3.

Phase 3: Migrating to 4Js 3.5.1a

You may migrate all of your district financial workstations to 4Js 3.50.a at any time during the migration. 4JS Client software will require 15 to 30 minutes to install per workstation. All districts must secure staff (internal or external) to upgrade the 4J's client on any Intel or MAC workstation that accesses the MUNIS Financial Server.

MUNIS is providing all instructions and customer support for this process. Please see the *Auto Install of Client PC* document located at: http://www.education.ky.gov/KDE/Administrative+Resources/Technology/Financial+Management+System/User+Guides/MUNIS+Installation+Instructions.htm

If you have any questions about upgrading the 4Js client to 3.50.1a, please contact the MUNIS Help Desk at 1–800–722–4908.

Appendix A: Migration Schedule

Two weeks before your scheduled week for OS Migration, please e-mail schedule@kde.state.ky.us with the date that you are planning to do your migration. The date that your district selects must be in your designated week for Migration.

This schedule is correct as of Thursday, March 11, 2004. To find the latest schedule, please go to:

http://www.education.ky.gov/KDE/Administrative+Resources/Technology/Financial+Management+System/User+Guides/MUNIS+Installation+Instructions.htm

March 29–April 2 (Send e-mail by March 15)

District	Migration Day
Burgin Ind.	
Carlisle Co.	
Dayton Ind.	
Erlanger Ind.	
Fairview Ind.	
Fulton Co.	
Fulton Ind.	
Green Co.	

District	Migration Day
Greenup Co.	
Jackson Ind.	
Johnson Co.	
Livingston Co.	
Ludlow Ind.	
Monroe Co.	
Newport Ind.	
Taylor Co.	

April 5–9   (Send e-mail by March 22)

District	Migration Day
Beechwood Ind.	
Bellevue Ind.	
Caldwell Co.	
Covington Ind.	
Dawsons Springs Ind.	
Elliott Co.	
McLean Co.	
Menifee Co.	

District	Migration Day
Middlesboro Ind.	
Pineville Ind.	
Providence Ind.	
Rowan Co.	
Science Hill Ind.	
Silver Grove Ind.	
Whitley Co.	
Wolfe Co.	

April 12–16 (Send e-mail by March 29)

District	Migration Day
Bourbon Co.	
Clay Co.	
East Bernstadt Ind.	
Frankfort Ind.	
Franklin Co.	
Hancock Co.	
Harlan Ind.	
Mason Co.	

District	Migration Day
Mercer Co.	
Muhlenberg Co.	
Nicholas Co.	
Pendleton Co.	
Robertson Co.	
Russellville Ind.	
Simpson Co.	
Southgate Ind.	

April 19–23 (Send e-mail by April 5)

District	Migration Day
Anchorage Ind.	
Augusta Ind.	
Ballard Co.	
Breckinridge Co.	
Caverna Ind.	
Cloverport Ind.	
Daviess Co.	
Eminence Ind.	

District	Migration Day
Meade Co.	
Montgomery Co.	
Oldham Co.	
Pike Co.	
Shelby Co.	
Trimble Co.	
Westpoint Ind.	
Woodford Co.	

April 26–30 (Send e-mail by April 12)

District	Migration Day
Bardstown Ind.	
Calloway Co.	
Campbellsville Ind.	
Floyd Co.	
Hardin Co.	
Hart Co.	
Hickman Co.	
Knott Co.	

District	Migration Day
Marshall Co.	
Martin Co.	
Mayfield Ind.	
McCracken Co.	
Paducah Ind.	
Paintsville Ind.	
Pikeville Ind.	
Washington Co.	

May 3–17 (Send e-mail by April 19)

District	Migration Day
Adair Co.	
Ashland Ind.	
Bullitt Co.	
Crittenden Co.	
Cumberland Co.	
Elizabethtown Ind.	
Jenkins Ind.	
Lawrence Co.	

District	Migration Day
Letcher Co.	
Lyon Co.	
Metcalfe Co.	
Murray Ind.	
Nelson Co.	
Raceland Ind.	
Trigg Co.	
Union Co.	

May 10–14 (Send e-mail by April 26)

District	Migration Day
Bell Co.	
Butler Co.	
Carter Co.	
Clinton Co.	
Gallatin Co.	
Harlan Co.	
Hazard Ind.	
Henderson Co.	

District	Migration Day
Henry Co.	
Logan Co.	
Perry Co.	
Russell Co.	
Russell Ind.	
Spencer Co.	
Todd Co.	
Webster Co.	

May 17–21 (Send e-mail by May 3)

District	Migration Day
Barren Co.	
Bowling Green Ind.	
Boyle Co.	
Casey Co.	
Danville Ind.	
Edmonson Co.	
Fleming Co.	
Grayson Co.	

District	Migration Day
Harrodsburg Ind.	
Lee Co.	
Lewis Co.	
Morgan Co.	
Ohio Co.	
Owen Co.	
Owensboro Ind.	
Wayne Co.	

May 24–28 (Send e-mail by May 10)

District	Migration Day
Allen Co.	
Barbourville Ind.	
Boone Co.	
Bracken Co.	
Campbell Co.	
Corbin Ind.	
Garrard Co.	
Glasgow Ind.	

District	Migration Day
Jessamine Co.	
Kenton Co.	
Lincoln Co.	
Monticello Ind.	
Owsley Co.	
Somerset Ind.	
Walton Verona Ind.	
Williamsburg Ind.	

May 31–June 4 (Send e-mail by May 17)

District	Migration Day
Laurel Co.	
Grant Co.	
Rockcastle Co.	
Harrison Co.	
Jackson Co.	
Scott Co.	
Madison Co.	

District	Migration Day
Clark Co.	
Estill Co.	
Powell Co.	
Berea Ind.	
Bath Co.	
Warren Co.	
Williamstown Ind.	

Other Districts

The following districts may disregard this document as they have new RS6000 servers.

Districts with a new RS6000	
Anderson Co.	Knox Co.
Boyd Co.	Larue Co.
Breathitt Co.	Leslie Co.
Carroll Co.	Magoffin Co.
Christian Co.	Marion Co.
Fayette Co.	McCreary Co.
Fort Thomas Ind.	Paris Ind.
Graves Co.	Pulaski Co.
Hopkins Co.	

Appendix B: AIX Migration Planning Checklist

☐ Purchase AIX 5.1.0CDs LCD4–1061–06

☐ Review KDE's OS Migration Schedule with financial staff.

☐ Compare down time against the financial processing schedule. All districts will need to plan for a full day's down time.

☐ Review OS Migration documents.

☐ Schedule technical resources and downtime.

☐ Install 4J's client software on all workstations (This may be done prior to the district's scheduled 4J's migration week and will not interfere with normal MUNIS processing).

☐ Two weeks before your scheduled week, e-mail **schedule@kde.state.ky.us** and tell us the exact migration date.